

## ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE REGULATORY CONTACT RECORD

**Date/Time:** August 2, 2004

**Site Contact(s):** Dyan Foss  
**Phone:** 303-994-0325

**Regulatory Contact:** Edd Kray  
**Phone:** 303-966-2115

**Agency:** CDPHE

**Purpose of Contact:** B707 Embedded Pipe Disposition

### Discussion

The H module autoclave vent piping is 12 feet below the slab and penetrates the 3-foot thick autoclave wall. These pipes are slightly contaminated, approximately 500 dpm/100cm<sup>2</sup> to 1000 dpm/100cm<sup>2</sup>, and have been plugged with pipe plugs and grouted at both ends. Attempting to remove these pipes with the building intact would be a major undertaking requiring significant excavation and shoring.

The A module oil coolant line passes through the column footers and is also contaminated, approximately 100 dpm/100cm<sup>2</sup> to 2000 dpm/100cm<sup>2</sup>. The placement of the line in the footer makes it impractical to remove while the building is intact. Removal under these circumstances could require installing replacement structural support for the affected columns. This piping will be plugged with grout at the open ends in preparation for demolition.

This contaminated component removal is addressed in the 707 DOP. This contact record documents CDPHE concurrence with the recommendation to mark the locations with orange paint, leave these pipes in place until B707 is demolished, and then as the slab is broken up, these sections of pipe can be segregated and removed. The low levels of contamination can be controlled by conventional radiological controls during removal.

**Contact Record Prepared By:** Dyan Foss

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